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Datasheet for ABIN7148715

anti-CTP Synthase antibody (AA 300-554) (Biotin)

Overview

Quantity:	100 µg
Target:	CTP Synthase (CTPS)
Binding Specificity:	AA 300-554
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTP Synthase antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human CTP synthase 1 protein (300-554AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CTP Synthase (CTPS)
Alternative Name:	CTPS1 (CTPS Products)
Background:	Background: This enzyme is involved in the de novo synthesis of CTP, a precursor of DNA, RNA and phospholipids. Catalyzes the ATP-dependent amination of UTP to CTP with either L-

Target Details

glutamine or ammonia as a source of nitrogen. This enzyme and its product, CTP, play a crucial role in the proliferation of activated lymphocytes and therefore in immunity.

Aliases: CTPS1 antibody, CTPS antibody, CTP synthase 1 antibody, EC 6.3.4.2 antibody, CTP synthetase 1 antibody, UTP--ammonia ligase 1 antibody

UniProt: [P17812](#)

Pathways: [Proton Transport](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.